BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2020-21/OW/WORK_INDENT42431

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/02/2020-21, Date: 28.05.2020

Name of Work:Providing and Installation of RO Water Plant in Ward No.10 Doddabommasandra

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of MAHMMAD FAROOQ ( )	
				In Figures	In Words
1	25.38	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	175.07	Rupees One Hundred Seventy Five and Seven Paise Only
2	4.15	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	4508.38	Rupees Four Thousand Five Hundred Eight and Thirty Eight Paise Only
3	3.47	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	3878.49	Rupees Three Thousand Eight Hundred Seventy Eight and Forty Nine Paise Only
4	1.95	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	4636.21	Rupees Four Thousand Six Hundred Thirty Six and Twenty One Paise Only
5	25.38	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	117.64	Rupees One Hundred Seventeen and Sixty Four Paise Only
6	35.7	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	840.17	Rupees Eight Hundred Forty and Seventeen Paise Only
7	9.58	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	5445.81	Rupees Five Thousand Four Hundred Forty Five and Eighty One Paise Only
8	0.86	Providing mild T.M.T. reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work	Tonne	56141.23	Rupees Fifty Six Thousand One Hundred Forty One and Twenty Three Paise Only
9	68.39	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	271.41	Rupees Two Hundred Seventy One and Forty One Paise Only
10	18.81	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	178.78	Rupees One Hundred Seventy Eight and Seventy Eight Paise Only

Signature of the contractor

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Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates MAHMMAD FAROOQ	
				In Figures	In Words
11	37.23	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	192.67	Rupees One Hundred Ninety Two and Sixty Seven Paise Only
12	56.04	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	23.16	Rupees Twenty Three and Sixteen Paise Only
13	53.46	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	183.41	Rupees One Hundred Eighty Three and Forty One Paise Only
14	93.27	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	65.77	Rupees Sixty Five and Seventy Seven Paise Only
15	53.46	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	77.81	Rupees Seventy Seven and Eighty One Paise Only
16	29.43	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	75.96	Rupees Seventy Five and Ninety Six Paise Only
17	12.41	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	1102.32	Rupees One Thousand One Hundred Two and Thirty Two Paise Only
18	4.8	Providing and laying/fixing cement base, precast pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring reads of steps of steps and landin, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of material,s including cutting, griding the edge ti half/ful rounf wherever requires labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	1005.05	Rupees One Thousand Five and Five Paise Only
19	1.08	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel section should confirm to I.S. 7452:1990, 4nos, of holdfasts of approved size section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	3269.9	Rupees Three Thousand Two Hundred Sixty Nine and Ninety Paise Only
20	6.3	KSRB: 7.5 Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8m etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm	2651.12	Rupees Two Thousand Six Hundred Fifty One and Twelve Paise Only

Signature of the contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates MAHMMAD FAROOQ	
				In Figures	In Words
28	6	ELECTRIFICATION Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch etc., complete and as per the directions of the Engineer-in-charge of the work	Point	210.14	Rupees Two Hundred Ten and Fourteen Paise Only
29	6	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Point	311.35	Rupees Three Hundred Eleven and Thirty Five Paise Only
30	30	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete (1.6.5) 4"x4"x3" (101x101x76mm) etc., complete and as per the directions of the Engineer-in-charge of the work	Each	58.32	Rupees Fifty Eight and Thirty Two Paise Only
31	18	(1.6.1) 12"x12"x3" (300x300x76mm)	Each	99.49	Rupees Ninety Nine and Forty Nine Paise Only
32	15	(1.6.3)10"x7"x3" (254x178x76mm)	Each	74.62	Rupees Seventy Four and Sixty Two Paise Only
33	33333	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws etc., complete and as per the directions of the Engineer-in-charge of the work	Sq Cm	0.21	and Twenty One Paise Only
34	30	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	18.01	Rupees Eighteen and One Paise Only
35	25	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	48.03	Rupees Forty Eight and Three Paise Only
36	4	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps etc., complete and as per the directions of the Engineer-in-charge of the work	Each	75.48	Rupees Seventy Five and Forty Eight Paise Only
37	4	Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp etc., complete and as per the directions of the Engineer-in-charge of the work	Each	506.9	Rupees Five Hundred Six and Ninety Paise Only
38	15	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	15.95	Rupees Fifteen and Ninety Five Paise Only
39	8	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 60/100 watts 230V GLS lamp etc., complete and as per the directions of the Engineer-in-charge of the work	Each	640.7	Rupees Six Hundred Forty and Seventy Paise
40	1	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	No	2338.95	Rupees Two Thousand Three Hundred Thirty Eight and Ninety Five Paise Only
41	30	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	120.42	Rupees One Hundred Twenty and Forty Two Paise Only
42	30	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	9.26	Rupees Nine and Twenty Six Paise Only

Signature of the contractor

Executive Engineer

Sl No.	Approved Qty.	Description	Unit	Approved Tender Rates of MAHMMAD FAROOQ ( )	
				In Figures	In Words
43	25	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete For Cutting Road Surface etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	72.9	Rupees Seventy Two and Ninety Paise Only
44	4	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	295.91	Rupees Two Hundred Ninety Five and Ninety One Paise Only
45	1	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers 16Sqmm etc etc., complete and as per the directions of the Engineer-in-charge of the work	No	240.16	Rupees Two Hundred Forty and Sixteen Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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